

NANOEMULSION BASED ON SUGAR FATTY ESTERS OR ON SUGAR
FATTY ETHERS AND ITS USES IN THE COSMETICS, DERMATOLOGICAL
AND/OR OPHTHALMOLOGICAL FIELDS

ABSTRACT OF THE DISCLOSURE

5 A nanoemulsion, the oily globules of which have a number-average size of less than
100 nm, comprising a surfactant which is solid at a temperature of less than or equal to 45°C,
which surfactant is chosen from esters of a fatty acid and of a sugar and ethers of a fatty
alcohol and of a sugar, and at least one oil having a molecular weight of greater than 400, the
ratio by weight of the amount of oily phase to the amount of surfactant ranging from 2 to 10.

10 The nanoemulsion may be used for cosmetics and dermatological applications, in particular
for moisturizing the skin and/or mucous membranes, as well as for treating the hair, and in
the ophthalmological field, as an eye lotion for treating the eyes.